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## STATE AND INSULAR HEALTH AUTHORITIES, 1922.

## DIRECTORY, WITH DATA AS TO APPROPRIATIONS AND PUBLICATIONS.

Directories of the State and insular health authorities of the United States for each year from 1912 to 1921 have been published in the Public Health Reports <sup>1</sup> for the information of health officers and others interested in public-health activities. These directories have been compiled from data furnished by the respective State and insular health officers and include data as to appropriations and publications.

Where an officer has been reported to be a "whole-time" health officer, that fact is indicated by an asterisk (\*). For this purpose a "whole-time" officer is defined as "one who does not engage in the practice of medicine or any other business, but devotes all his time to official duties."

## ALABAMA.

Board of censors of the State Medical Association, acting as a committee of public health:  
Thos. E. Kilby, governor, ex officio chairman, Montgomery.

S. W. Welch, M. D., Montgomery.  
W. D. Partlow, M. D., Tuscaloosa.  
J. N. Baker, M. D., Montgomery.  
V. P. Gaines, M. D., Selma.  
S. G. Gay, M. D., Selma.  
E. S. Sledge, M. D., Mobile.  
A. N. Steele, M. D., Anniston.  
H. S. Ward, M. D., Birmingham.  
B. L. Wyman, M. D., Birmingham.  
R. S. Hill, M. D., Montgomery.

Executive health officer:

\*S. W. Welch, M. D., State health officer, Montgomery.

Register of vital statistics:

\*H. G. Perry, M. D., Montgomery.

State laboratory:

\*L. C. Havens, M. D., Montgomery.

State sanitary engineering:

\*G. H. Hazlehurst, C. E., M. C. E., Montgomery.

Assistant sanitary engineers:

\*C. C. Walker, B. C. E., Montgomery.  
\*J. C. Carter, E. M., Montgomery.  
\*E. B. Johnson, C. P. H., Montgomery.  
\*E. M. Craig, Montgomery.  
\*N. H. Rector, Montgomery.  
\*A. S. Bedell, C. E., Montgomery.

Epidemiologist:

\*K. F. Maxcy, asst. surg., U. S. P. H. S., Montgomery.

County organization:

\*D. L. Cannon, M. D., director, Montgomery.  
\*D. H. Swengel, M. D., assistant director, Montgomery.

## ALABAMA—Continued.

Public health nursing:

\*Jessie L. Marriner, R. N., director, Montgomery.

\*Elizabeth J. MacKenzie, R. N., assistant director, Montgomery.

Venereal disease control:

\*W. C. Blasingame, Montgomery.

Field lecturer:

A. J. Dickinson, D. D., Birmingham.

Communicable diseases:

\*W. W. Knipmeyer, M. D., acting director, Montgomery.

Inspection:

\*C. A. Abele, Ch. E., director, Montgomery.

\*T. B. S. Matthews, assistant director, Montgomery.

\*T. A. Belser, assistant director, Montgomery.

Chief clerk:

\*Fannie Kate Centerfit, Montgomery.

Appropriation for fiscal year ending September 30, 1922, \$150,000.

## ALASKA.

Board of health:

Scott C. Bone, governor, Juneau.

Harry C. DeVighne, M. D., commissioner of health, Juneau.

Executive health officer:

Harry C. De Vighne, M. D., commissioner of health, Juneau.

Assistant commissioners of health:

Wm. Ramsey, M. D., Council.

J. A. Sutherland, M. D., Fairbanks.

W. H. Chase, M. D., Cordova.

Appropriation for biennium ending Mar. 31, 1923, \$41,000.

<sup>1</sup> Reprints Nos. 83, 123, 190, 268, 344, 405, 488, 544, 605, and 706 from the Public Health Reports.

**ARIZONA.**

## Board of health:

Thomas E. Campbell, governor, president,  
Phoenix.

W. J. Galbraith, attorney general, vice presi-  
dent, Phoenix.

A. M. Tuthill, M. D., secretary, Phoenix.

## Executive health officer:

**A. M. Tuthill, M. D.**, State superintendent of  
public health, Phoenix.

## Executive secretary:

\*Hannah C. Egelston.

## Registrar of vital statistics:

A. M. Tuthill, M. D., Phoenix.

## Bureau for control of venereal diseases:

A. M. Tuthill, M. D., director, Phoenix.

## Child hygiene department:

\*Mrs. Chas. R. Howe, director.

## Tuberculosis department:

\*T. C. Cuvellier, director.

## Statistician:

\*Ruth W. Fritsch.

## Health survey nurse:

\*Mrs. Gertrude F. Russell, R. N.

Appropriations for fiscal year ending June  
30, 1923:

|                         |          |
|-------------------------|----------|
| Salaries.....           | \$15,000 |
| Operating expenses..... | 6,850    |
| Traveling expenses..... | 2,800    |
| Total.....              | 24,650   |

Publication issued by health department:  
Quarterly bulletin.**ARKANSAS.**

## Board of health:

F. O. Mahony, M. D., president, El Dorado.

C. F. Crosby, M. D., Heber Springs.

H. L. Montgomery, M. D., Gravelly.

H. R. Webster, M. D., Texarkana.

O. L. Williamson, M. D., Marianna.

Leonidas Kirby, M. D., Harrison.

S. A. Southall, M. D., Lonoke.

## Executive health officer:

**\*C. W. Garrison, M. D.**, State health officer,  
Little Rock.

## Bureau of vital statistics:

\*Mrs. Mary Ellis Brown, statistician, Little  
Rock.

## Hygienic laboratory:

\*S. F. Hoge, M. D., acting director, Little Rock.

## Bureau of sanitation and malaria control:

\*M. Z. Bair, chief sanitary engineer, Little  
Rock.

## Bureau of venereal disease control:

\*C. W. Garrison, M. D., director, Little Rock.

## Bureau of child hygiene:

\*Frances Sage Bradley, M. D., director, Little  
Rock.

Appropriations for biennial period ending  
June 30, 1923:

|   |          |
|---|----------|
| Executive department—salaries and<br>miscellaneous.....       | \$27,800 |
| Bureau of vital statistics—salaries and<br>miscellaneous..... | 31,000   |
| Bureau of venereal disease control.....                       | 25,000   |
| Malaria control.....  | 10,000   |
| Total.....  | 93,800   |
| For enforcement cigarette licence law..                       | 5,200    |

**CALIFORNIA.**

## Board of health:

George E. Ebright, M. D., president, San-  
Francisco.

Fred F. Gundrum, M. D., vice president,  
Sacramento.

Walter M. Dickie, M. D., secretary, Sacra-  
mento.

A. J. Scott, jr., M. D., Los Angeles.

Edward F. Glaser, M. D., San Francisco.

Adelaide Brown, M. D., San Francisco.

Robert A. Peers, M. D., Colfax.

## Attorney for board of health:

John C. McFarland, Los Angeles.

## Executive health officer:

**\*Walter M. Dickie, M. D.**, secretary and exec-  
utive officer, State board of health, Sacra-  
mento.

\*Mason E. Franklin, assistant to the secre-  
tary, Sacramento.

## Epidemiologist:

\*Frank L. Kelly, M. D., San Francisco.

## District health officers:

\*Allen F. Gillihan, M. D., northern division.

\*Galvin Telfer, M. D., southern division.

## Sanitary inspector:

\*Edward T. Ross, Sacramento.

## Dental hygienist:

\*Charlotte Greenwood, San Francisco.

## Bureau of vital statistics:

\*L. E. Ross, director, Sacramento.

## Bureau of registration of nurses:

\*Anne C. Jamme, R. N., director, San Fran-  
cisco.

## Bureau of tuberculosis:

\*Edith L. M. Tate-Thompson, director, Sacra-  
mento.

## Bureau of food and drugs:

\*Erwin J. Lea, director, Berkeley.

## Bureau of communicable diseases:

\*W. H. Kellogg, M. D., director, Berkeley.

## Bureau of social hygiene:

\*Elizabeth McManus, director, Los Angeles.

## Bureau of sanitary engineering:

\*Ralph Hilscher, C. E., director, Berkeley.

## Bureau of child hygiene:

\*Ellen S. Stadtmuller, M. D., director (tem-  
porary), San Francisco.

Appropriations for biennial period ending  
June 30, 1923:

|  |           |
|--|-----------|
| Statutory salaries.....  | \$47,800  |
| Traveling and contingent (including<br>printing).....                      | 60,000    |
| Support of district health officers....                                    | 27,500    |
| Support of food and drug laboratory....                                    | 69,355    |
| Support of hygienic laboratory.....  | 86,990    |
| Sanitary inspectors.....   | 35,400    |
| Vital statistics.....  | 42,000    |
| Contagious diseases.....   | 40,650    |
| Bureau of child hygiene.....   | 38,560    |
| Bureau of social hygiene.....  | 51,600    |
| Bureau of sanitary engineering.....  | 68,770    |
| Tuberculosis—Subsidy and adminis-<br>tration (administration, \$60,000)... | 600,000   |
| Public health nurses.....  | 10,000    |
| Malaria control (emergency).....   | 20,000    |
| Plague and parasitology (emergency)  | 5,000     |
| Dental hygiene.....  | 15,000    |
| Total.....   | 1,218,625 |

**CALIFORNIA—Continued.**

## Other sources of revenue:

- Fees for registration of nurses, \$15 each.
- Renewal of registration certificate, \$1 per year.
- Licensing of cold-storage warehouses, rated according to capacity.
- Fines for violation of pure food and drugs act.
- Fees for certified copies of records.
- Publications issued by health department:
  - Biennial report.
  - Quarterly bulletin.
  - Weekly news-letter.

**COLORADO.**

## Board of health:

- Wm. H. Sharpley, M. D., president, Denver.
- G. K. Olmsted, M. D., vice president, Denver.
- Tracy R. Love, M. D., secretary, Denver.
- C. W. Thompson, M. D., Pueblo.
- E. L. Drinkwater, M. D., Denver.
- G. W. Bumpus, D. O., Denver.
- Sherman Williams, M. D., Denver.
- Hugh F. Lorimer, M. D., Crowley.
- J. M. Barney, M. D., Denver.

## Executive health officer:

- Tracy R. Love, M. D.**, secretary State board of health, Denver.

## Bacteriologist:

- \*Wm. C. Mitchell, M. D., Denver.

## Medical inspector:

- \*J. W. Morgan, M. D., Denver.

## State food and drug commissioner:

- \_\_\_\_\_, Denver.

## Division of venereal diseases:

- \*S. R. McKelvey, M. D., director, Denver.

## Appropriations for fiscal year ending Nov. 30, 1922:

|                                |                     |
|--------------------------------|---------------------|
| Salaries.....                  | \$21,900            |
| Detention home fund.....       | <sup>1</sup> 25,000 |
| Laboratory equipment.....      | <sup>1</sup> 10,000 |
| Printing and publications..... | 1,250               |
| Traveling expenses.....        | 4,800               |
| Samples and supplies.....      | 600                 |
| Venereal diseases.....         | 20,000              |
| Incidental expenses.....       | <sup>1</sup> 2,000  |
| <b>Total.....</b>              | <b>85,550</b>       |

**CONNECTICUT.**

## Public health council:

- Edward K. Root, M. D.
- S. B. Overlock, M. D.
- C.-E. A. Winslow, D. P. H.
- James W. Knox.
- Robert A. Cairns, C. E.
- James A. Newlands.

## Executive health officer:

- \***John T. Black, M. D.**, commissioner of health, Hartford.

## Laboratory director:

- C. J. Bartlett, M. D.

## Sanitary engineering:

- J. Frederick Jackson, C. E., director.

## Preventable diseases:

- \*Stanley H. Osborn, M. D., director.

**CONNECTICUT—Continued.**

## Vital statistics:

- \*William C. Welling, director.

## Division of public health nursing:

- \*Margaret K. Stack, R. N., director.

## Bureau of child hygiene:

- \*Howard A. Lanpher, M. D., director.

## Division of venereal diseases:

- Daniel E. Shea, M. D., director.

## Appropriations for fiscal year ending June 30, 1923:

|   |                |
|---|----------------|
| General administrative expenses.....              | \$15,500       |
| Salary commissioner.....                          | 4,000          |
| Purchase and free distribution of anti-toxin..... | 22,500         |
| Preventable diseases.....                         | 15,000         |
| Vital statistics.....                             | 12,500         |
| Sanitary engineering.....                         | 12,500         |
| Laboratory.....                                   | 25,000         |
| Child hygiene.....                                | 18,000         |
| Venereal disease control work.....                | 10,000         |
| Mental hygiene.....                               | 3,000          |
| <b>Total.....</b>                                 | <b>138,000</b> |

## Federal appropriation, Shepard-Towner Act.....

\$19,311.48

## Available for laboratory construction.....

95,748.42

## Other sources of revenue:

- Medical practice, registration fees.

## Publications issued by health department:

- Monthly bulletin.

- Annual vital statistics report.

- Biennial report of State department of health.

**DELAWARE.**

## Board of health:

- Wm. P. Orr, M. D., president, Lewes.
- L. S. Conwell, M. D., secretary, Dover.
- J. W. Clifton, M. D., Smyrna.
- W. F. Haines, M. D., Seaford.
- Jos. P. Wales, M. D., Wilmington.
- G. W. K. Forrest, M. D., Wilmington.
- Edgar Q. Bullock, M. D., Wilmington.

## Executive health officer:

- L. S. Conwell, M. D.**, secretary State board of health, Dover.

## Pathologist and bacteriologist:

- \*Herbert J. Watson, Newark.

## Appropriations for the fiscal year ending

Jan. 7, 1923:

|   |               |
|---|---------------|
| State board of health.....                      | \$6,000       |
| Laboratory.....                                 | 10,000        |
| Vital statistics.....                           | 2,000         |
| Diphtheria antitoxin and immunizing agents..... | 5,000         |
| Venereal disease control work.....              | 2,500         |
| Supervising nurse for midwives.....             | 2,000         |
| <b>Total.....</b>                               | <b>27,500</b> |

**DISTRICT OF COLUMBIA.**

## Executive health officer:

- \***Wm. C. Fowler, M. D.**, health officer, Washington.

## Assistant health officer:

- \_\_\_\_\_, M. D., Washington.

<sup>1</sup> Years 1921 and 1922.

**DISTRICT OF COLUMBIA—Continued.**

Chief clerk and deputy health officer:

\*Arthur G. Cole, Washington.

Chief bureau of preventable diseases and director  
bacteriological laboratory:

\*John T. Sprague, M. D., Washington.

Bacteriologist:

\*John A. Noble, Washington.

Serologist:

\*W. F. Landon, Washington.

Chemist:

\*Thomas Malcolm Price, Ph. D., Washington.

Chief sanitary inspector:

\*C. R. Holman, Washington.

Chief food inspector:

\*Reid R. Ashworth, D. V. S., Washington.

Chief medical and sanitary inspector of schools:

\*Joseph A. Murphy, M. D., Washington.

Appropriations for the fiscal year ending

June 30, 1923:

|   |           |
|---|-----------|
| Salaries.....   | \$100,890 |
| Prevention of communicable diseases.....  | 40,000    |
| Disinfecting service.....   | 6,000     |
| Isolation wards at hospitals.....   | 16,500    |
| Milk and food inspection and regulation.....  | 7,200     |
| Dispensary service, including treatment of tuberculosis and venereal disease.....                             | 12,500    |
| Examination, advice, and care of children under 6 years of age under contract with child-welfare society..... | 18,000    |
| Miscellaneous.....  | 9,450     |
| Total.....  | 210,540   |

Publications issued by health department:

Weekly report by health department.

Annual report of health officer.

Monthly statement of average grade of milk sold.

**FLORIDA.**

Board of health:

Calvin T. Young, M. D., president, Plant City.

Charles H. Mann, Jacksonville.

F. Clifton Moor, M. D., Tallahassee.

Executive health officer:

\*Raymond C. Turck, M. D., State health officer, Jacksonville.

Bureau of vital statistics:

\*Stuart G. Thompson, D. P. H., director, Jacksonville.

Bureau of sanitary engineering:

\*George W. Simons, jr., director, Jacksonville.

Bureau of diagnostic laboratories:

\*B. L. Arms, M. D., director, Jacksonville.

Bureau of communicable disease and health units:

\*George A. Dame, M. D., director, Jacksonville.

Bureau of child welfare:

\*William B. Keating, M. D., director, Jacksonville.

Appropriation for health department:

One-quarter mill tax levied upon the assessable property of the State; reduced from one-half mill by 1921 legislature.

Fiscal year ends December 31.

Publications issued by health department:

Pamphlets covering all phases of public health.

Public health information disseminated through the weekly and daily papers of the State.

Florida Health Notes.

**GEORGIA.**

Board of health:

W. H. Doughty, jr., M. D., president, Augusta.

James H. McDuffie, M. D., vice president, Columbus.

T. F. Abercrombie, M. D., secretary, Atlanta.

Charles H. Richardson, M. D., Macon.

A. D. Little, M. D., Thomasville.

John W. Daniel, M. D., Savannah.

W. I. Hailey, M. D., Hartwell.

A. L. Crittenden, M. D., Shellman.

Robert F. Maddox, Atlanta.

A. C. Shamblin, M. D., Rome.

J. C. Verner, M. D., Commerce.

J. L. Walker, M. D., Waycross.

M. S. Brown, M. D., Fort Valley.

M. L. Brittain, State superintendent of schools, ex officio, Atlanta.

Peter F. Bahnsen, State veterinarian, ex officio, Atlanta.

Executive health officer:

\*T. F. Abercrombie, M. D., commissioner, Atlanta.

\*Joe P. Bowdoin, M. D., deputy commissioner, Atlanta.

Division of venereal disease control:

\*Joe P. Bowdoin, M. D., director, Atlanta.

Division of county health work:

\*M. F. Haygood, M. D., director, Atlanta.

Division of malaria control:

\*M. A. Fort, M. D., director, Atlanta.

Division of laboratories:

\*T. F. Sellers, M. Sc., director, Atlanta.

Division of sanitary engineering:

\*H. C. Woodfall, director, Atlanta.

Division of serology:

\*E. L. Webb, director, Atlanta.

State tuberculosis sanatorium:

\*Edson W. Glidden, 2d, M. D., superintendent, Alto.

Bureau of vital statistics:

\*W. A. Davis, M. D., director, Atlanta.

Division of child hygiene:

\*Dorothy Bocker, M. D., director, Atlanta.

\*Alice Moses, M. D., assistant director, Atlanta.

Georgia training school for mental defectives:

\*George H. Preston, M. D., Gracewood.

Division of accounting and purchasing:

\*C. L. Tinsley, director, Atlanta.

Appropriations for the fiscal year ending

Dec. 31, 1922:

|   |                        |
|---|------------------------|
| General appropriation.....  | \$81,431.00            |
| State tuberculosis sanatorium.....  | 50,000.00              |
| Venereal disease control.....   | 10,000.00              |
| Georgia training school for mental defectives.....                                | 25,000.00              |
| Total appropriation by legislature.....   | 166,431.00             |
| Venereal disease control (Federal Government funds).....                          | <sup>1</sup> 6,163.64  |
| Central administration—county health work (International Health Board funds)..... | 3,845.00               |
| Central administration—malaria control (International Health Board funds).....    | 2,017.08               |
| Maternity and infancy (Federal Government funds).....                             | <sup>1</sup> 11,000.00 |
| Grand total.....  | 189,456.72             |

<sup>1</sup> For fiscal year ending June 30, 1923.

**HAWAII.****Board of health:**

F. E. Trotter, M. D., president and executive officer, Honolulu.  
 Harry Irwin, attorney general, Honolulu.  
 P. Withington, M. D., Honolulu.  
 D. S. Bowman, Honolulu.  
 E. A. Mott-Smith, Honolulu.  
 J. Ordenstein, Honolulu.  
 S. S. Paxson, Honolulu.

**Executive health officer:**

\*F. E. Trotter, M. D., president of the board of health, Honolulu.

**Secretary:**

\*M. R. Weir, Honolulu.

**Bacteriologist:**

A. N. Sinclair, M. D., Honolulu.

**Tuberculosis bureau:**

A. L. Davis, M. D., director, Honolulu.

**Medical inspector of schools:**

A. L. Davis, M. D., Honolulu.

**Health officer:**

James T. Wayson, M. D., Honolulu.

**Sanitary engineer:**

\*S. W. Tay, Honolulu.

**Food commissioner and analyst:**

\*M. B. Bairos, Honolulu.

**Oahu insane asylum:**

\*W. A. Schwallie, M. D., superintendent, Honolulu.

**Lepers settlement:**

\*J. D. McVeigh, superintendent, Kalaupapa, Molokai.

\*W. J. Goodhue, M. D., resident physician, Kalaupapa, Molokai.

**Chief sanitary inspector, Hawaii:**

C. Charlock, Hilo.

**Chief sanitary inspector, Maui:**

G. Weight, Wailuku.

**Chief sanitary inspector, Kauai:**

F. B. Cook, Waimae.

**Appropriations for the biennial period ending June 30, 1923:**

|  |           |
|--|-----------|
| General expenses.....  | \$67,300  |
| Vital statistics.....  | 17,680    |
| Sanitary engineering.....  | 15,600    |
| Sanitation.....  | 147,240   |
| Pure food.....   | 22,500    |
| Bacteriological bureau.....  | 18,000    |
| Quarantine and medical service.....                                  | 127,340   |
| Rat campaign.....  | 24,000    |
| Mosquito campaign.....   | 4,800     |
| Medical and dental supervision and treatment of school children..... | 54,000    |
| Tuberculosis.....  | 302,000   |
| Care of lepers and their children.....                               | 632,370   |
| Care of the insane.....  | 293,596   |
| Miscellaneous.....   | 6,150     |
| Total.....   | 1,732,576 |

**Publications issued by health department:**

Annual report of president.  
 Registrar-General's report.

**IDAHO.****Department of public welfare:**

\*David Burrell, commissioner.  
 \*F. W. Almond, M. D., medical adviser.  
 \*Paul A. Mader, bacteriologist.

**IDAHO—Continued.****Department of public welfare—Continued.**

\*William Vernon Leonard, chemist.

\*A. H. Wilson, dairy, food, drug, hotel, and sanitary inspector.

\*C. K. Macey, dairy, food, drug, hotel, and sanitary inspector.

**Executive health officer:**

\*David Burrell, commissioner of public welfare, Boise.

**Appropriations for biennial period ending Jan. 3, 1923:****Salaries and wages:**

|                                   |         |
|-----------------------------------|---------|
| Commissioner.....                 | \$7,260 |
| Medical adviser.....              | 10,000  |
| Bacteriologist.....               | 4,800   |
| Chemist.....                      | 4,000   |
| Inspector.....                    | 4,800   |
| Inspector.....                    | 4,000   |
| Other salaries.....               | 12,800  |
| Expenses other than salaries..... | 14,700  |
| Venereal disease control.....     | 5,000   |
| Total.....                        | 67,300  |

**ILLINOIS.****Director of public health:**

\*Isaac D. Rawlings, M. D., Springfield.

**Assistant director of public health:**

\*Thomas H. Leonard, M. D.

**Division of sanitation and engineering:**

\*Harry F. Ferguson, C. E., chief sanitary engineer.

**Division of communicable diseases:**

\*J. J. McShane, M. D., D. P. H., chief.

**Division of child hygiene and public health nursing:**

\*C. W. East, M. D., chief.

**Division of tuberculosis:**

\*Thomas H. Leonard, M. D., acting chief.

**Division of laboratories:**

\*Thomas G. Hull, Ph. D., chief.

**Division of vital statistics:**

\*Sheldon L. Howard, registrar.

**Division of public health instruction:**

\*Baxter K. Richardson, chief.

**Division of social hygiene:**

\*C. C. Copelan, M. D., chief.

**Division of hotel and lodging-house inspection:**

\*W. W. McCulloch, superintendent.

**Appropriations for fiscal year ending June 30, 1923:**

|                                       |           |
|---------------------------------------|-----------|
| Salaries.....                         | \$318,960 |
| Salaries State officers.....          | 12,600    |
| Office expenses.....                  | 16,495    |
| Traveling expenses.....               | 77,300    |
| Operating, supplies and expenses..... | 85,000    |
| Equipment and repairs.....            | 12,735    |
| Contingent.....                       | 29,000    |
| Printing.....                         | 20,500    |
| Total.....                            | 572,590   |

**Publications issued by health department:**

Illinois Health News (monthly).  
 Social Hygiene (monthly).  
 Weekly press bulletin.

**INDIANA.****Board of health:**

John H. Hewitt, M. D., president, Terre Haute.  
 Hugh A. Cowing, M. D., vice president, Muncie.  
 Chas. B. Kern, M. D., La Fayette.  
 Adah McMahan, M. D., La Fayette.  
 J. N. Hurty, M. D., secretary, Indianapolis.

**Executive health officer:**

\*J. N. Hurty, M. D., State health commissioner, Indianapolis.

**Assistant State health commissioner:**

\*W. F. King, M. D., Indianapolis.

**Division of statistics:**

\*H. M. Wright, director, Indianapolis.

**Laboratory of hygiene:**

\*A. G. Long, M. D., C. P. H., director, Indianapolis.

**Division of food and drugs:**

\*Ivy Miller, State food and drug commissioner, Indianapolis.

**Traveling milk laboratory:**

\*Frank C. Wilson, director.

**Water and sewage laboratory:**

\*L. A. Geupel, sanitary engineer, Indianapolis.

**Division of child hygiene:**

\*Ada E. Schweitzer, M. D., director, Indianapolis.

**Division of tuberculosis:**

\*H. W. McKane, M. D., director, Indianapolis.

**Division of epidemiology:**

\*H. M. Wright, M. D., director, Indianapolis.

**Division of venereal diseases:**

\*W. F. King, M. D., director, Indianapolis.

**Division of school hygiene:**

\*H. R. Condrey, director, Indianapolis.

**Division of housing:**

\*W. F. Sharpe, director, Indianapolis.

**Appropriations for fiscal year ending Sept. 30, 1923:**

|  |         |
|--|---------|
| Salaries (specific).....               | \$4,000 |
| Board of health office.....            | 30,000  |
| Food and drugs.....                    | 30,000  |
| Weights and measures.....              | 10,000  |
| Laboratory of hygiene.....             | 12,000  |
| Hydrophobia fund.....                  | 6,000   |
| Baby book.....                         | 5,000   |
| Division of tuberculosis.....          | 10,000  |
| Division of infant and child hygiene.. | 20,000  |
| Division of rural hygiene.....         | 25,000  |
| Division of venereal diseases.....     | 42,300  |
| Housing.....                           | 20,000  |

Total..... 214,300

**Publication issued by health department:**

Monthly bulletin.

**IOWA.****Board of health:**

Frank T. Launder, M. D., president, Garwin.  
 N. E. Kendall, governor, Des Moines.  
 W. C. Ramsay, secretary of state, Des Moines.  
 G. C. Haynes, auditor of state, Des Moines.  
 W. J. Burbank, treasurer of state, Des Moines.  
 Hans V. Pedersen, sanitary engineer, Des Moines.  
 G. F. Severs, M. D., Centerville.  
 Henry C. Eschbach, M. D., Albia.  
 C. S. Grant, M. D., Iowa City.

**IOWA—Continued.****Executive health officer:**

\*Rodney P. Fagen, M. D., State health commissioner, Des Moines.

**Assistant secretary:**

\*H. W. Grefe, Des Moines.

**Chief clerk:**

\*L. V. Clemens, Des Moines.

**Laboratories:**

\*Don M. Griswold, M. D., director, Iowa City.

**Sanitary engineer:**

\*Hans V. Pedersen, Des Moines.

**Bureau of venereal diseases:**

W. S. Conkling, M. D., director.

**Lecturer in charge of women's work:**

Jeannette F. Throckmorton, M. D.

**State housing commissioner:**

\*Edwin H. Sands.

**Appropriations for fiscal year ending June 30, 1922:**

|                                 |          |
|---------------------------------|----------|
| State board of health work..... | \$10,000 |
| Housing department.....         | 5,000    |
| Bacteriological laboratory..... | 15,000   |
| Antitoxin department.....       | 2,000    |
| Vital statistics.....           | 10,000   |
| Salaries of employees.....      | 11,400   |
| Social hygiene.....             | 25,000   |

Total..... 78,400

The above does not include special appropriation for clerical assistance.

**Publications issued by health department:**

Biennial report.

Quarterly bulletin.

**KANSAS.****Board of health:**

Jos. E. Hawley, M. D., president, Burr Oak.  
 J. J. Entz, M. D., vice president, Marion.  
 H. L. Aldrich, M. D., Caney.  
 W. M. Earnest, M. D., Washington.  
 Clay E. Coburn, M. D., Kansas City.  
 O. D. Walker, M. D., Salina.  
 J. T. Axtell, M. D., Newton.  
 C. H. Ewing, M. D., Larned.  
 C. H. Lerrigo, M. D., Topeka.  
 J. G. Egan, attorney.

**Executive health officer:**

S. J. Crumbine, M. D., secretary State board of health, Topeka.

**Division of vital statistics:**

Chas. H. Lerrigo, M. D., State registrar, Topeka.

**Division of communicable diseases and sanitation:**

A. J. Warren, M. D., chief, Topeka.

**Division of food and drugs:**

Frank Rowland, assistant chief food and drug inspector, Topeka.

**Division of child hygiene:**

Helen Moore, M. D., chief, Topeka.

**Division of water and sewage:**

Prof. Albert Jewell, chief, Lawrence.

**Division of public health education:**

S. J. Crumbine, M. D., director, Topeka.

**Division of venereal diseases:**

B. K. Kilbourne, acting asst. surg., U. S.  
 P. H. S., director, Topeka.

**Division of public health nursing:**

Helen A. Cron, R. N., supervisor, Topeka.

**KANSAS—Continued.**

Water and sewage laboratories at Kansas University:

Prof. Albert Jewell, director, Lawrence.

Food laboratory at Kansas University:

Prof. E. H. S. Bailey, director of food analyses, Lawrence.

Drug laboratory at Kansas University:

Prof. L. E. Sayre, director of drug analyses, Lawrence.

Food laboratory at Kansas Agricultural College:

Prof. Wm. King, director of food analyses, Manhattan.

Public health laboratory, Topeka:

William Levin, D. P. H., director, Topeka.

Appropriations for fiscal year ending June 30, 1922:

|   |          |
|---|----------|
| Salaries.....                             | \$23,700 |
| Miscellaneous.....                        | 8,000    |
| Water and sewage division.....            | 5,000    |
| Free distribution of antitoxins, etc..... | 2,500    |
| Suppression of communicable diseases..... | 10,000   |
| Public health exhibit car.....            | 3,000    |
| Laboratory of hygiene.....                | 5,000    |
| Division of child hygiene.....            | 7,500    |
| Division of food and drugs.....           | 7,500    |
| Division of venereal diseases.....        | 7,500    |
| Total.....                                | 79,700   |

Other sources of revenue:

Marriage fees, approximately \$11,000.

Water and ice analyses fees, approximately \$14,000.

Food and drug laboratories at Kansas University maintained by university maintenance fund, and food laboratory at Kansas Agricultural College maintained by agricultural college maintenance fund.

Publications issued by health department:

Monthly bulletin.

Biennial report.

**KENTUCKY.**

Board of health:

L. S. McMurtry, M. D., president, Louisville.

W. W. Richmond, M. D., Clinton.

George T. Fuller, M. D., Mayfield.

H. H. Carter, D. O., Shelbyville.

Joseph E. Wells, M. D., Cynthiana.

George S. Coon, M. D., Louisville.

F. A. Stine, M. D., Newport.

O. C. Dilly, M. D., Louisville.

A. T. McCormack, M. D., secretary, Louisville.

Executive health officer:

**\*A. T. McCormack, M. D.**, State health officer, Louisville.

Bureau of vital statistics:

**\*J. F. Blackerby**, director, Louisville.

Bureau of bacteriology:

**\*Lillian H. South**, M. D., director, Louisville.

Bureau of sanitary engineering:

**\*F. C. Dugan**, State sanitary engineer, Louisville.

Bureau of food, drugs, and hotels:

**\*Sarah H. Vance**, director, Louisville.

Bureau of venereal diseases:

**\*Jethra Hancock**, M. D., Louisville.

**KENTUCKY—Continued.**

Bureau of tuberculosis:

**\*J. S. Lock**, M. D., director, Louisville.

Bureau of public health nursing:

**\*Marian Williamson**, R. N., director, Louisville.

Bureau of child hygiene:

**\*Annie S. Veech**, M. D., Louisville.

Bureau for prevention of trachoma and blindness:

**\*C. B. Kobert**, M. D., director, Louisville.

Bureau of public health education:

**\*Helen Donaldson**, R. N., acting director, Louisville.

Bureau of county health work:

**\*P. E. Blackerby**, M. D., director, Louisville.

Appropriation for fiscal year ending June 30, 1923:

\$257,500.

Publication issued by health department:

Monthly bulletin.

**LOUISIANA.**

Board of health:

**Oscar Dowling**, M. D., president, New Orleans.

**J. M. Mosely**, M. D., Arcadia.

**T. T. Tarlton**, M. D., Grand Coteau.

**L. C. Chamberlain**, M. D., New Orleans.

**T. A. Roy**, M. D., Mansura.

**B. A. Ledbetter**, M. D., New Orleans.

**M. W. Swords**, M. D., secretary, New Orleans.

Executive health officer:

**\*Oscar Dowling, M. D.**, president State board of health, New Orleans.

Bacteriologist:

**W. H. Seemann**, M. D., New Orleans.

Registrar:

**J. Geo. Dempsey**, M. D., New Orleans.

Sanitary engineer:

**John H. O'Neill**, New Orleans.

Child hygiene:

**Agnes Morris**, New Orleans.

**Maud Loeber**, M. D., medical director, New Orleans.

Public health nursing:

**Mrs. M. Coale Alpha**, New Orleans.

Analyst:

**J. Roy Keeny**, Phar. D., New Orleans.

Epidemiologist:

**C. L. Williams**, surgeon, U. S. P. H. S., New Orleans.

Bureau of venereal diseases:

**Leonard C. Scott**, acting asst. surg., U. S. P. H. S., New Orleans.

Medical entomology:

**Geo. E. Beyer**, New Orleans.

Appropriations for fiscal year ending June 30, 1923:

|                                       |          |
|---------------------------------------|----------|
| Isolation hospital at Alexandria..... | \$12,500 |
| Venereal disease control work.....    | 12,500   |
| General.....                          | 75,000   |

Total..... 100,000

Other source of revenue:

Fees from inspection of oil.

Publications issued by health department:

Monthly bulletin.

Quarterly bulletin.

Annual almanac.

Biennial report.

Miscellaneous leaflets.



**MAINE.**

Public health council:  
 C. F. Kendall, M. D., chairman, Augusta.  
 S. J. Beach, M. D., Portland.  
 J. Q. Gulnac, Bangor.  
 Hiram Ricker, South Poland.  
 R. D. Small, M. D., Portland.

Executive health officer:  
 \*C. F. Kendall, M. D., State commissioner of health, Augusta.

Division of administration:  
 \*C. F. Kendall, M. D., Augusta.

Division of communicable diseases:  
 \*A. G. Young, M. D., director, Augusta

Division of diagnostic laboratories:  
 \*John Hewat, M. D., director, Augusta.

Division of sanitary engineering:  
 \*Walter J. Brennan, acting director, Augusta.

Division of vital statistics:  
 \*C. F. Kendall, M. D., State registrar, Augusta.

Division of venereal diseases:  
 \*George H. Coombs, M. D., director, Augusta.

Division of public health nursing and child hygiene:  
 \*Edith L. Soule, R. N., Augusta.

District health officers:  
 \*J. L. Pepper, M. D., South Portland.  
 \*E. P. Goodrich, M. D., Lewiston.  
 \*J. W. Loughlin, M. D., Damariscotta.  
 \*H. L. Lombard, M. D., Presque Isle.  
 \*H. D. Worth, M. D., Bangor.  
 \*J. F. Stevens, M. D., Millinocket.  
 \*G. H. Hutchins, M. D., Waterville.  
 \*A. L. Smith, M. D., Machias.

Appropriations for fiscal year ending June 30, 1923:

|   |          |
|---|----------|
| Salaries and clerk hire.....            | \$28,000 |
| Office expense and epidemic fund.....   | 18,000   |
| District and local health officers..... | 35,000   |
| Venereal disease control work.....      | 10,000   |
| Total.....                              | 91,000   |

Other source of revenue:  
 Census Bureau, Washington, D. C., about \$800.

Publications issued by the department of health:  
 Annual report of department of health.  
 Annual report on vital statistics.  
 Bimonthly bulletin.

**MARYLAND.**

Board of health:  
 Wm. H. Welch, M. D., president, Baltimore.  
 Alexander Armstrong, attorney general, Baltimore.  
 John S. Fulton, M. D., secretary, Baltimore.  
 Wm. W. Ford, M. D., Baltimore.  
 C. Hampson Jones, M. D., Baltimore.  
 Tolley A. Biays, Baltimore.  
 Benjamin C. Perry, Bethesda.  
 E. F. Kelly, Phar. D., Baltimore.

Executive health officer:  
 \*John S. Fulton, M. D., State health officer, Baltimore.

Bureau of communicable diseases:  
 \*Robert H. Riley, M. D., chief, Baltimore.

Bureau of vital statistics:  
 Frederic V. Beitler, M. D., chief, Baltimore.

Food and drug commissioner:  
 \*A. L. Sullivan, chief, Baltimore.

**MARYLAND—Continued.**

Bureau of bacteriology:  
 \*R. C. Salter, chief, Baltimore.

Bureau of sanitary engineering:  
 Robert B. Morse, C. E., chief, Baltimore.

Bureau of chemistry:  
 Wyatt W. Randall, Ph. D., chief, Baltimore.

Bureau of accounts and property:  
 \*Walter N. Kirkman, chief, Baltimore.

Appropriations for fiscal year ending Sept. 30, 1921:

|               |           |
|---------------|-----------|
| Salaries..... | \$156,000 |
| Expenses..... | 84,000    |
| Total.....    | 240,000   |

Publications issued by health department:  
 Annual report.  
 Health officer's bulletin.

**MASSACHUSETTS.**

Public health council:  
 Eugene R. Kelley, M. D., chairman, Boston.  
 Roger I. Lee, M. D., Cambridge.  
 J. E. Lamoureux, M. D., Lowell.  
 Richard C. Strong, M. D., Boston.  
 G. C. Whipple, S. B., Cambridge.  
 Warren C. Jewett, Worcester.  
 Sylvester E. Ryan, M. D., Springfield.

Executive health officer:  
 \*Eugene R. Kelley, M. D., State commissioner of public health, Boston.

Division of administration:  
 \*———, director.

Division of communicable diseases:  
 \*Bernard W. Carey, M. D., director, Boston.  
 \*———, epidemiologist.  
 \*Edith A. Beckler, bacteriologist, Boston.

Division of sanitary engineering:  
 \*X. H. Goodnough, director and chief engineer, Boston.

Division of water and sewage laboratories:  
 \*H. W. Clark, director and chemist, Boston.

Division of biologic laboratories:  
 \*Benjamin White, Ph. D., director and pathologist, Boston.

Division of food and drugs:  
 \*Hermann C. Lythgoe, director and analyst, Boston.

Division of hygiene:  
 \*Merrill E. Champion, M. D., director, Boston.

Division of tuberculosis:  
 \*Sumner H. Remick, M. D., director, Boston.

Appropriations for fiscal year ending Nov. 30, 1922.

|   |             |
|---|-------------|
| Division of administration.....                           | \$28,600.00 |
| Division of hygiene.....                                  | 58,700.00   |
| Division of communicable diseases.....                    | 79,370.00   |
| Subdivision of venereal diseases.....                     | 32,300.00   |
| Production and distribution of antitoxin and vaccine..... | 60,100.00   |
| Wassermann laboratory.....                                | 15,207.00   |
| Manufacture and distribution of arsphenamine.....         | 21,820.00   |
| Division of food and drug inspection.....                 | 42,600.00   |
| Divisions of water supply and sewage disposal.....        | 90,575.00   |

**MASSACHUSETTS—Continued.**

|   |                     |
|---|---------------------|
| <b>Appropriations for fiscal year ending Nov. 30, 1922—Continued.</b> |                     |
| State examiners of plumbers.....                                      | \$5,000.00          |
| Division of tuberculosis (including subsidies to cities and towns)    | 174,555.22          |
| Maintenance of four State sanatoria.....                              | 915,475.00          |
| Services of caretaker, etc., for Penikese Island (for lepers).....    | 1,500.00            |
| <b>Total.....</b>   | <b>1,525,802.22</b> |
| <b>Publications issued by department of public health:</b>            |                     |
| Monthly bulletin.   |                     |
| Annual report.  |                     |
| Miscellaneous pamphlets dealing with health matters.                  |                     |

**MICHIGAN.**

|  |           |
|--|-----------|
| <b>Advisory council of health:</b>                           |           |
| Guy L. Kiefer, M. D., president, Detroit.                    |           |
| C. C. Slemmons, M. D., Grand Rapids.                         |           |
| Frank M. Gowdy, M. D., St. Joseph.                           |           |
| Leland W. Carr, Lansing.                                     |           |
| Robert B. Harkness, Houghton.                                |           |
| <b>Executive health officer:</b>                             |           |
| *Richard M. Olin, M. D., State health commissioner, Lansing. |           |
| <b>Deputy health commissioner:</b>                           |           |
| *George H. Ramsey, M. D., Lansing.                           |           |
| <b>Bureau of engineering:</b>                                |           |
| *E. D. Rich, C. E., director.                                |           |
| *William Hirn, C. E., assistant engineer.                    |           |
| *Ernest F. Badger, chemical engineer.                        |           |
| *Warner C. Brockway, B. S. E., assistant engineer.           |           |
| *Albert T. Kunze, B. S. E., assistant engineer.              |           |
| *Willard F. Shepherd, B. S. E., assistant engineer.          |           |
| *Chas. L. Orr, water inspector.                              |           |
| <b>Bureau of laboratories:</b>                               |           |
| *C. C. Young, Ph. D., director.                              |           |
| *Minna Crooks, R. N., bacteriologist.                        |           |
| *R. L. Kahn, D. Sc., immunologist.                           |           |
| *A. B. Haw, clinical pathologist.                            |           |
| *S. R. Johnson, D. V. S., veterinary pathologist.            |           |
| *Chas. L. Bliss, chemist.                                    |           |
| <b>Bureau of nursing and child hygiene:</b>                  |           |
| *Blanche Haines, M. D., director.                            |           |
| <b>Bureau of communicable diseases and vital statistics:</b> |           |
| *W. J. V. Deacon, M. D., D. P. H., director.                 |           |
| <b>Bureau of dentistry:</b>                                  |           |
| *K. R. Gibson, D. D. S., director.                           |           |
| <b>Bureau of institutional health administration:</b>        |           |
| *Robert A. MacGregor, M. D., director.                       |           |
| <b>Bureau of education:</b>                                  |           |
| *Marjorie Delavan, director.                                 |           |
| <b>Bureau of embalming:</b>                                  |           |
| *F. J. Pienta, director.                                     |           |
| <b>Appropriations for fiscal year ending June 30, 1923:</b>  |           |
| Personal service.....  | \$167,690 |
| Supplies.....  | 26,855    |
| Contractual service.....                                     | 25,000    |
| Hospitalization, care and treatment..                        | 25,000    |

**MICHIGAN—Continued.**

|   |                |
|---|----------------|
| <b>Appropriations for fiscal year ending June 30, 1923—Continued.</b> |                |
| Maintenance of equipment.....   | \$335          |
| Other equipment.....  | 6,370          |
| <b>Total.....</b>   | <b>251,250</b> |
| Free antitoxin.....   | 75,000         |
| <b>Total.....</b>   | <b>326,250</b> |
| <b>Publications issued by health department:</b>                      |                |
| Monthly bulletin.   |                |
| Annual report.  |                |
| Communicable disease pamphlets.                                       |                |
| Sex hygiene pamphlets.  |                |
| Child hygiene pamphlets.  |                |
| Engineering bulletins.  |                |

**MINNESOTA.**

|  |                |
|--|----------------|
| <b>Board of health:</b>  |                |
| C. L. Scofield, M. D., president, Benson.  |                |
| S. Marx White, M. D., vice president, Minneapolis                                |                |
| N. M. Watson, M. D., Red Lake Falls.   |                |
| A. E. Hedback, M. D., Minneapolis.   |                |
| L. P. Wolff, C. E., St. Paul.  |                |
| O. W. Holcomb, M. D., St. Paul.  |                |
| R. C. Hunt, M. D., Fairmont.   |                |
| H. R. Weirick, M. D., Hibbing.   |                |
| ——— (vacant).  |                |
| <b>Executive health officer:</b>   |                |
| *A. J. Chesley, M. D., secretary and executive officer, St. Paul.                |                |
| <b>Division of records:</b>  |                |
| *O. C. Pierson, director, St. Paul.  |                |
| <b>Division of preventable diseases:</b>   |                |
| *O. McDaniel, M. D., director, Minneapolis.                                      |                |
| <b>Division of sanitation:</b>   |                |
| *H. A. Whittaker, director, Minneapolis.   |                |
| <b>Division of vital statistics:</b>   |                |
| *Mrs. Gerda C. Pierson, director, St. Paul.                                      |                |
| <b>Division of venereal diseases:</b>  |                |
| H. G. Irvine, M. D., director, Minneapolis.                                      |                |
| *L. W. Feezer, assistant director, Minneapolis.                                  |                |
| *Margaret Sheridan, educational supervisor.                                      |                |
| *Audrey Walton, chief social worker.   |                |
| <b>Division of child hygiene:</b>  |                |
| *E. C. Hartley, M. D., director, Minneapolis.                                    |                |
| <b>Appropriations for fiscal year ending June 30, 1923:</b>                      |                |
| General fund.....  | \$20,000       |
| Vital statistics.....  | 10,000         |
| Communicable diseases.....   | 25,000         |
| Laboratories.....  | 40,000         |
| Sanitary engineering.....  | 7,000          |
| Free antitoxin.....  | 10,000         |
| Prevention of blindness.....   | 1,000          |
| Venereal diseases.....   | 30,000         |
| <b>Total.....</b>  | <b>143,000</b> |
| <b>Other sources of revenue:</b>   |                |
| Aid from county and city for branch laboratory at Duluth, \$900.                 |                |
| From Minnesota Public Health Association for division of child hygiene, \$5,000. |                |
| <b>Publications issued by health department:</b>                                 |                |
| Educational pamphlets.   |                |
| Biennial report.   |                |

**MISSISSIPPI.****Board of health:**

W. W. Hall, M. D., president, Shelby.  
 J. H. McNeill, M. D., Olive Branch.  
 B. Lampton Crawford, M. D., Tylertown.  
 T. F. Elkin, M. D., Tupelo.  
 H. F. Garrison, M. D., Clinton.  
 L. L. McDougal, M. D., Booneville.  
 C. D. Mitchell, M. D., Jackson.  
 I. L. Parsons, M. D., Brookhaven.  
 T. W. Reagan, M. D., Union.  
 E. M. Gavin, M. D., Ovett.  
 W. H. Watson, M. D., Brandon.  
 J. H. Windham, M. D., Ecu.

**Executive health officer:**

\*W. S. Leathers, M. D., executive officer, State board of health, Jackson.

**Bureau of vital statistics:**

\*R. W. Hall, M. D., director, Jackson.

**Bureau of child welfare:**

\*F. J. Underwood, M. D., director, Jackson.

**Hygienic laboratory:**

\*C. R. Stingily, M. D., director, Jackson.

**Bureau of sanitary inspection:**

\*W. D. Beacham, M. D., chief sanitary inspector, Jackson.

**Bureau of sanitary engineering:**

\*H. A. Kroeze, C. E., director, Jackson.

**Bureau of rural sanitation:**

\*W. S. Leathers, M. D., acting director, Jackson.  
 \*C. M. Shipp, M. D., epidemiologist in charge of malaria-control work, Jackson.

**Bureau of venereal diseases:**

\*Hardie Hays, M. D., director, Jackson.

**Bureau of public-health nursing:**

\*Mary D. Osborne, R. N., director, Jackson.

**Appropriations for fiscal year ending Dec. 31, 1922:**

|                                 |          |
|---------------------------------|----------|
| Administrative office.....      | \$23,000 |
| Bureau of vital statistics..... | 12,000   |
| Municipal sanitation.....       | 12,000   |
| Rural sanitation.....           | 27,000   |
| Hygienic laboratory.....        | 20,000   |
| Child welfare.....              | 30,000   |
| Venereal diseases.....          | 16,000   |

Total..... 140,000

**Publications issued by health department:**

Biennial report.  
 Monthly bulletin.

**MISSOURI.****Board of health:**

R. S. Vitt, M. D., president, St. Louis.  
 E. E. Brunner, M. D., vice president, Carrollton.  
 Franklin E. Murphy, M. D., Kansas City.  
 Cortez F. Enloe, M. D., secretary, Jefferson City.  
 E. P. North, M. D., St. Louis.  
 T. A. Son, M. D., Bonne Terre.  
 T. H. Wilcoxon, M. D., Bowling Green.

**Executive health officer:**

\*Cortez F. Enloe, M. D., Secretary State board of health and State commissioner of health, Jefferson City.

**MISSOURI—Continued.****Bureau of vital statistics:**

\*Jas. Wark, statistician, Jefferson City.

**Division of child hygiene:**

\*Irl Brown Krause, M. D., director, Jefferson City.

**Division of rural sanitation:**

\*Thomas Parran, M. D., director, Jefferson City.

**Division of venereal diseases:**

\*R. L. Russell, M. D., director, Jefferson City.

**Division of sanitary engineering:**

\*George W. Putnam, director, Jefferson City.

**Public health laboratories:**

M. P. Ravenel, M. D., director, State University, Columbia.

**Appropriations for biennial period ending**

Dec. 31, 1922:

|   |          |
|---|----------|
| Board of health fund, bureau of license.....  | \$15,000 |
| Salaries.....                                 | 49,600   |
| Division of venereal diseases.....            | 19,000   |
| Public health and child hygiene exhibits..... | 5,000    |
| Traveling expenses.....                       | 10,000   |
| Printing.....                                 | 9,000    |
| Postage.....                                  | 4,000    |
| Laboratory and contingent expense....         | 4,000    |
| Cooperative rural sanitation fund.....        | 20,000   |

Total..... 135,600

**MONTANA.****Board of health:**

B. L. Pampel, M. D., president, Livingston.  
 D. J. Donohue, M. D., vice president, Butte.  
 E. G. Balsam, M. D., Billings.  
 E. M. Porter, M. D., Great Falls.  
 L. H. Fligman, M. D., Helena.

**Executive health officer:**

\*W. F. Cogswell, M. D., secretary, Helena.

**Division of communicable diseases:**

\*Ernest D. Hitchcock, M. D., epidemiologist, Helena.

**Division of child welfare:**

\*John J. Sippy, M. D., director, Helena.  
 \*Mary Margaret Muckley, R. N., director public-health nursing, Helena.

**Division of food and drugs.**

\*H. M. Shea, director, Helena.

**Division of social hygiene:**

\*F. J. O'Donnell, director, Helena.

**Division of vital statistics:**

\*W. F. Cogswell, M. D., State registrar, Helena.

**Division of water and sewage:**

W. M. Cobleigh, director, Bozeman.  
 \*H. B. Foote, bacteriologist, Bozeman.

**Water and sewage laboratory and food and drug laboratory:**

W. M. Cobleigh, director, Bozeman.  
 E. J. Quinn, analyst, Bozeman.

**Hygienic laboratory:**

\*Ernest D. Hitchcock, M. D., director, Helena.  
 \*Richard M. Johnson, bacteriologist, Helena.

**MONTANA—Continued.**

## Appropriations for the year ending June 30, 1923:

[Appropriations for salaries and expense of State board of health are made in lump sum. The budget given is tentative and not arbitrarily fixed. Unexpended sums of one division may be diverted to other divisions when deemed necessary.]

## General administration—

|  |         |
|--|---------|
| Salaries.....  | \$6,800 |
| Expenses.....  | 4,500   |
| Division of child welfare.....                               | 4,265   |
| Hygienic laboratory.....                                     | 10,190  |
| Inspection of water plants.....                              | 4,325   |
| Food and water laboratory.....                               | 3,495   |
| Enforcing food and drugs law.....                            | 4,690   |
| Division of communicable diseases.....                       | 11,930  |
| Social hygiene division.....                                 | 4,645   |
| Division of vital statistics.....                            | 2,900   |
| Board of entomology (Rocky Mountain spotted fever work)..... | 9,600   |

Total..... 67,340

## Other source of revenue:

Fees for embalmers' licenses.

## Publications issued by health department:

Monthly bulletin.

Special bulletins on communicable diseases.

Biennial report.

**NEBRASKA.**

## Department of public welfare:

\*H. H. Antles, secretary, Lincoln.

## Bureau of health—

Executive health officer and epidemiologist—

\*I. H. Dillon, M. D., chief of bureau of health, Lincoln.

## Bacteriologist—

\*L. O. Vose, Lincoln.

## Division of venereal diseases—

\*P. H. Bartholomew, M. D., director, Lincoln.

## Statistician—

\*May F. Hyland, Lincoln.

## Division of child hygiene—

\*Margaret McGreevy, R. N., director.

## Sanitary engineer—

\*R. N. Tracy, C. E., Lincoln.

## Medical examining board—

J. E. Spatz, M. D., Fairfield.

H. J. Lehnhoff, M. D., Lincoln.

E. T. McGuire, M. D., Mead.

## Appropriations for biennial period ending June 30, 1923:

|                  |          |
|------------------|----------|
| Salaries.....    | \$59,760 |
| Maintenance..... | 46,170   |
| Total.....       | 105,930  |

**NEVADA.**

## Board of health:

Emmet D. Boyle, governor, president, Carson City.

S. L. Lee, M. D., secretary, Carson City.

George Brodigan, secretary of state.

W. H. Hood, M. D., Reno.

Henry Albert, M. D., Reno.

**NEVADA—Continued.**

## Executive health officer:

\*S. L. Lee, M. D., secretary State board of health, Carson City.

## State hygienic laboratory at State university:

Henry Albert, M. D., director, Reno.

## Appropriations for fiscal year ending Dec. 31, 1921:

|                            |         |
|----------------------------|---------|
| Salary of secretary.....   | \$5,000 |
| State board of health..... | 3,300   |
| Total.....                 | 8,300   |

## Publications issued by health department:

Biennial report.

Special bulletins.

**NEW HAMPSHIRE.**

## Board of health:

Robert Fletcher, Ph. D., C. E., president, Hanover.

D. E. Sullivan, M. D., Concord.

George C. Wilkins, M. D., Manchester.

Sibley G. Morrill, M. D., Concord.

Albert O. Brown, governor, Manchester.

Oscar L. Young, attorney general, Laconia.

## Executive health officer:

\*Charles Duncan, M. D., secretary State board of health, Concord.

## Laboratory of hygiene:

\*Charles D. Howard, chemist, Concord.

\*Clara Israeli, M. D., bacteriologist, Concord.

William R. McLeod, assistant bacteriologist, Concord.

\*Joseph X. Duval, inspector, Concord.

\*Charles L. Pool, sanitary engineer.

Robert Fletcher, C. E., engineer, Hanover.

## Bacteriological laboratory:

H. N. Kingsford, M. D., bacteriologist, Hanover.

## Venereal disease division:

\*Charles A. Weaver, M. D., Manchester.

## Appropriations for fiscal year ending June 30, 1922:

|                            |          |
|----------------------------|----------|
| State board of health..... | \$26,150 |
| Laboratory of hygiene..... | 15,500   |
| Vital statistics.....      | 2,800    |
| Total.....                 | 44,450   |

## Publications issued by health department:

Bulletin.

Biennial report.

**NEW JERSEY.**

## Board of health:

Henry Spence, M. D., president, Jersey City.

Thomas B. Lee, M. D., vice president, Camden.

Oliver Kelly, Oak Tree.

Clyde Potts, C. E., Morristown.

H. E. Winter, V. M. D., Plainfield.

J. Oliver McDonald, M. D., Trenton.

Harold J. Harder, C. E., Paterson.

David D. Chandler, Newark.

Mrs. James E. Van Horne, Trenton.

Miss Margaret McNaughton, Jersey City.

J. E. H. Guthrie, D. D. S., Newark.

## Executive health officer:

\*Jacob C. Price, M. D., director of health, Trenton.

**NEW JERSEY—Continued.**

Laboratory of hygiene:  
 \*R. B. Fitz-Randolph, chief, Trenton.  
 Bureau of administration:  
 \*Chas. J. Merrell, chief, Trenton.  
 Bureau of food and drugs:  
 \*Walter W. Scofield, chief, Trenton.  
 Bureau of medical supervision:  
 \*A. C. Hunt, M. D., chief, Trenton.  
 Bureau of child hygiene:  
 Julius Levy, M. D., consultant, Trenton.  
 Bureau of local health administration:  
 \*David C. Bowen, chief, Trenton.  
 Bureau of engineering:  
 \*H. P. Croft, chief, Trenton.  
 Bureau of vital statistics:  
 \*David S. South, chief, Trenton.  
 Bureau of venereal disease control:  
 A. J. Casselman, M. D., chief, Trenton.  
 Appropriations for fiscal year ending June 30, 1923:

|                               |           |
|-------------------------------|-----------|
| Salaries.....                 | \$141,690 |
| Miscellaneous.....            | 68,800    |
| Child hygiene.....            | 75,000    |
| Venereal disease control..... | 29,000    |
| Total.....                    | 305,490   |

Publications issued by health department:  
 Monthly Bulletin.  
 Annual Report.

**NEW MEXICO.**

Board of public welfare:  
 Mrs. A. Otero-Warren, chairman, Santa Fe.  
 L. S. Peters, M. D., Albuquerque.  
 Mrs. G. W. Prichard, Santa Fe.  
 Mrs. Max Nordhaus, Albuquerque.  
 Charles Lombke, Albuquerque.  
 Executive health officer:  
 \*G. S. Luckett, M. D., director of public health, Santa Fe.  
 Divisions of preventable diseases and vital statistics:  
 \*G. S. Luckett, M. D., chief, Santa Fe.  
 Division of sanitary engineering and sanitation:  
 \*H. F. Gray, C. E., Gr. P. H., chief, Santa Fe.  
 Divisions of public health nursing and child hygiene:  
 \*Margaret Tupper, R. N., Santa Fe.  
 Division of county health work:  
 \*(Appointment pending.)  
 Public health laboratory:  
 \*Myrtle Greenfield, chief, Albuquerque.  
 Appropriation for fiscal year ending Nov. 30, 1923, \$27,000.

**NEW YORK.**

Public health council:  
 Hermann M. Biggs, M. D., LL. D., chairman, Albany.  
 Homer Folks, LL. D., New York.  
 Simon Flexner, M. D., LL. D., New York.  
 Henry N. Ogden, C. E., Ithaca.  
 T. Mitchell Prudden, M. D., LL. D., New York.  
 Jacob Goldberg, M. D., Buffalo.  
 Stanton P. Hull, M. D., Petersburg.  
 Executive health officer:  
 Hermann M. Biggs, M. D., LL. D., commissioner of health, Albany.

**NEW YORK—Continued.**

Deputy commissioner of health:  
 \*Matthias Nicoll, jr., M. D., Albany.  
 Secretary:  
 \*Curtis E. Lakeman, Albany.  
 Executive clerk:  
 \*Fenimore D. Beagle, Albany.  
 Division of public health education:  
 \*B. R. Rickards, director, Albany.  
 Division of sanitation:  
 \*Charles A. Holmquist, C. E., director, Albany.  
 Division of vital statistics:  
 \*Otto R. Eichel, M. D., director, Albany.  
 Division of child hygiene:  
 \*Florence L. McKay, M. D., director, Albany.  
 Division of communicable diseases:  
 \*Edward S. Godfrey, M. D., director, Albany.  
 Division of tuberculosis:  
 \*Frederick W. McSorley, M. D., director, Albany.  
 Division of venereal diseases:  
 \*J. S. Lawrence, M. D., director, Albany.  
 Division of laboratories and research:  
 \*Augustus B. Wadsworth, M. D., director, Albany.  
 Division of public health nursing:  
 \*Mathilde S. Ku'hman, R. N., director, Albany.  
 Appropriations for fiscal year ending June 30, 1923:

|   |           |
|---|-----------|
| Personal service.....                                 | \$582,730 |
| Maintenance and operation.....                        | 300,500   |
| Division of maternity, infancy and child hygiene..... | 130,000   |
| Total.....  | 1,013,230 |
| Construction of addition to laboratories.....         | 98,000    |

Other sources of revenue:  
 Fees from certified transcripts of birth, death, and marriage certificates, and registration of laboratories, approximately \$1,000 per annum.  
 Licensing laboratories, \$175.  
 Sale of serums, \$1,500.  
 Publications issued by health department:  
 Monthly Health News.  
 Health Officers' Bulletin.  
 Public Health Nurses' Bulletin.  
 Vital Statistics Bulletin.

**NORTH CAROLINA.**

Board of health:  
 J. Howell Way, M. D., president, Waynesville.  
 Richard H. Lewis, M. D., LL. D., Raleigh.  
 Charles E. Waddell, C. E., Asheville.  
 Thomas E. Anderson, M. D., Statesville.  
 A. J. Crowell, M. D., Charlotte.  
 Chas. O'H. Laughinghouse, M. D., Greenville.  
 E. J. Tucker, D. D. S., Roxboro.  
 Cyrus Thompson, M. D., Jacksonville.  
 F. R. Harris, M. D., Henderson.  
 Executive health officer:  
 \*W. S. Rankin, M. D., secretary State board of health and State health officer, Raleigh.  
 Assistant to the secretary:  
 \*Ronald B. Wilson, Raleigh.  
 Bureau of tuberculosis:  
 \*L. B. McBrayer, M. D., chief of bureau and superintendent of the State sanatorium, Sanatorium.

**NORTH CAROLINA—Continued.****Laboratory of hygiene:**

\*C. A. Shore, M. D., director, Raleigh.

**Deputy State registrar:**

\*F. M. Register, M. D., Raleigh.

**Bureau of medical inspection of schools:**

\*G. M. Cooper, M. D., director, Raleigh.

**Bureau of engineering and inspection:**

\*H. E. Miller, C. E., director, Raleigh.

**Bureau of maternity and infancy:**

\*K. P. B. Bonner, M. D., director, Raleigh.

**Bureau of county health work:**

\*K. E. Miller, M. D., director, Raleigh.

**Bureau of epidemiology:**

\*J. S. Mitchener, M. D., chief, Raleigh.

**North Carolina Sanatorium:**

\*L. B. McBrayer, M. D., superintendent, Sanatorium.

**Appropriations for fiscal year ending June 30, 1923:**

|   |          |
|---|----------|
| State board of health (executive office)..... | \$54,500 |
| Vital statistics.....                         | 20,000   |
| Laboratory of hygiene.....                    | 55,000   |
| Tuberculosis sanatorium.....                  | 100,000  |
| School inspection.....                        | 60,000   |
| County health work.....                       | 53,000   |
| Epidemiology.....                             | 11,000   |
| Veneral disease control work.....             | 21,000   |
| Public health nursing and infant hygiene..... | 6,500    |
| Engineering and inspection.....               | 49,000   |

Total..... 430,000

**Other sources of revenue:**

|                                       |         |
|---------------------------------------|---------|
| International health board.....       | 10,000  |
| Federal government.....               | 35,960  |
| Counties, for county health work..... | 134,000 |
| Fees paid the laboratory.....         | 15,000  |

**Publications issued by health department:**

Monthly Bulletin.  
Special Bulletins.  
Biennial Report.

**NORTH DAKOTA.****Board of health:**

Sveinbjorn Johnson, attorney general, president, Bismarck.

W. C. Nolte, M. D., vice president, Jamestown.

H. E. French, M. D., secretary, Grand Forks.

**Executive health officer:**

\*H. E. French, M. D., secretary State board of health, Grand Forks.

**Communicable diseases:**

\*Robert Olesen, surgeon, U. S. P. H. S., Grand Forks.

**Appropriations for biennial period ending June 30, 1923:**

|                          |         |
|--------------------------|---------|
| Salaries (specific)..... | \$2,800 |
| Miscellaneous.....       | 4,100   |
| Total.....               | 6,900   |

**Publications issued by health department:**

Quarterly bulletin.  
Annual statistical data.  
Biennial report.

1527°—22—3

**OHIO.****Public health council:**

Harry H. Snively, M. D., chairman.

G. D. Lummis, M. D.

C. O. Probst, M. D.

F. C. Croxton.

R. M. Calfee.

James E. Bauman, secretary.

**Executive health officer:**

\*Harry H. Snively, M. D., director of health, Columbus.

**Assistant director of health:**

\*James E. Bauman.

**Division of administration:**

\*James E. Bauman, chief.

\*M. E. Hayhurst, chief clerk.

**Bureau of publicity—**

\*Paul Mason, director.

**Division of communicable diseases:**

\*Frank G. Boudreau, M. D., chief.

**Bureau of trachoma clinics—**

\*———, chief.

**Bureau of local health organization—**

\*———, chief.

**Division of sanitary engineering:**

\*W. H. Dittoe, chief.

**Bureau of plumbing inspection—**

\*A. A. Manchester, chief.

**Division of laboratories:**

\*Fred Berry, chief.

**Division of vital statistics:**

\*———, chief.

**Division of hygiene:**

\*R. G. Leland, M. D., chief.

**Bureau of tuberculosis—**

\*J. A. Frank, M. D., chief.

**Bureau of child hygiene—**

\*E. J. Schwartz, M. D., chief.

**Bureau of venereal diseases—**

\*P. Myers Wright, M. D., chief.

**Bureau of hospitals—**

\*R. A. Brintnall, M. D., chief.

**Bureau of public health nursing—**

\*Florence Farmer, R. N., chief.

**Division of industrial hygiene:**

\*———, chief.

**Appropriations for fiscal year ending June 30, 1923:**

|                                     |           |
|-------------------------------------|-----------|
| Personal services.....              | \$150,000 |
| Maintenance.....                    | 97,035    |
| State aid for health districts..... | 150,000   |
| Total.....                          | 397,035   |

**Publication issued by health department:**

Monthly public health journal.

**OKLAHOMA.****Executive health officer:**

\*A. R. Lewis, M. D., commissioner of health, Oklahoma.

**Assistant commissioner of health:**

\*J. P. Folan, Oklahoma.

**Chemist:**

\*W. A. Walker, Oklahoma.

**OKLAHOMA—Continued.**

|  |          |
|--|----------|
| Bacteriologist:                                      |          |
| *L. K. Cecil, Oklahoma.                              |          |
| Sanitary engineer:                                   |          |
| *H. J. Darcey, Oklahoma.                             |          |
| Director of publicity:                               |          |
| *G. Harrison, Oklahoma.                              |          |
| Bureau of vital statistics:                          |          |
| *W. B. Dennis, chief, Oklahoma.                      |          |
| Appropriations for fiscal year ending June 30, 1923: |          |
| Salaries.....  | \$40,800 |
| Biological supply.....                               | 7,500    |
| Traveling expenses for sanitary engineer.....        | 1,250    |
| Maintenance of laboratory.....                       | 3,750    |
| Control of epidemics.....                            | 5,000    |
| Maintenance of bureau of venereal disease.....       | 15,000   |
| Contingent.....                                      | 5,000    |
| Total.....   | 78,300   |

**OREGON.**

|  |  |
|--|--|
| Board of health:   |  |
| C. J. Smith, M. D., president, Portland.                                     |  |
| J. H. Rosenberg, M. D., vice president, Prineville.                          |  |
| Frederick D. Stricker, M. D., secretary and State health officer, Portland.  |  |
| W. B. Morse, M. D., Salem.   |  |
| Andrew C. Smith, M. D., Portland.  |  |
| F. M. Brooks, M. D., Portland.   |  |
| George E. Houck, M. D., Roseburg.  |  |
| Executive health officer:  |  |
| *Frederick D. Stricker, M. D., secretary and State health officer, Portland. |  |
| Register of vital statistics:  |  |
| *Frederick D. Stricker, M. D., Portland.                                     |  |
| Bacteriologist:  |  |
| Wilma Hemstock, Portland.  |  |
| Appropriation for fiscal year ending Dec. 31, 1922, \$25,000.                |  |
| Publications issued by health department:                                    |  |
| Annual report.   |  |
| Biennia report.  |  |
| Quarterly bulletin.  |  |
| Pamphlets and posters.   |  |

**PENNSYLVANIA.**

|  |  |
|--|--|
| Advisory board:  |  |
| Charles B. Penrose, M. D., Philadelphia.                   |  |
| Adolph Koenig, M. D., Pittsburgh.                          |  |
| Edgar M. Green, M. D., Easton.                             |  |
| A. A. Cairns, M. D., City Hall, Philadelphia.              |  |
| Bee Masterton, C. E., Johnstown.                           |  |
| Clarence J. Marshall, V. M. D., Philadelphia.              |  |
| Executive health officer:                                  |  |
| *Edward Martin, M. D., commissioner of health, Harrisburg. |  |
| Deputy commissioner of health:                             |  |
| *John D. McLean, M. D., Harrisburg.                        |  |
| Assistant to the commissioner:                             |  |
| *Thomas W. Jackson, M. D., Harrisburg.                     |  |
| Executive secretary:                                       |  |
| *Clinton T. Williams, Harrisburg.                          |  |
| Assistant to executive secretary:                          |  |
| *Mrs. George L. Stark, Harrisburg.                         |  |

**PENNSYLVANIA—Continued.**

|  |             |
|--|-------------|
| Dental division:   |             |
| *C. J. Hollister, D. D. S., chief, Harrisburg.   |             |
| Division of medical inspection:  |             |
| *J. Moore Campbell, M. D., chief medical director, Harrisburg.   |             |
| Division of school health:   |             |
| *William J. Crookston, M. D., chief, Harrisburg.   |             |
| Division of laboratories:  |             |
| *John L. Laird, M. D., chief of laboratories, Philadelphia.  |             |
| Division of sanatoria:   |             |
| *Royal H. McCutcheon, M. D., medical director Pennsylvania State Sanatorium for Tuberculosis No. 1, Mont Alto. |             |
| *W. G. Turnbull, M. D., medical director, Pennsylvania State Sanatorium for Tuberculosis No. 2, Cresson.       |             |
| *Henry A. Gorman, M. D., medical director, Pennsylvania State Sanatorium for Tuberculosis No. 3, Hamburg.      |             |
| Division of tuberculosis:  |             |
| *A. P. Francine, M. D., chief, Harrisburg.   |             |
| Division of genito-urinary dispensaries:   |             |
| *S. Leon Gans, M. D., chief, Harrisburg.   |             |
| Division of supplies and biological products:  |             |
| *Roy G. Miller, chief, Harrisburg.   |             |
| Division of engineering:   |             |
| *C. A. Emerson, Jr., chief engineer, Harrisburg.   |             |
| Bureau of housing:   |             |
| *John Molitor, chief, Harrisburg.  |             |
| Bureau of vital statistics:  |             |
| *Wilmer R. Batt, M. D., State registrar, Harrisburg.   |             |
| Division of accounts:  |             |
| *Margaret Maher, acting chief, Harrisburg.   |             |
| Division of purchasing:  |             |
| *Charles H. Clappier, Jr., chief, Harrisburg.  |             |
| Division of child health:  |             |
| *Mary Riggs Noble, M. D., chief, Harrisburg.   |             |
| Bureau of drug control:  |             |
| *Thomas S. Blair, M. D., chief, Harrisburg.  |             |
| Division of public-health education:   |             |
| *William C. Miller, M. D., chief, Harrisburg.  |             |
| Division of nurses:  |             |
| *Alice M. O'Halloran, chief, Harrisburg.   |             |
| Division of newspapers:  |             |
| *Lida R. Beckwith, chief, Harrisburg.  |             |
| Appropriations for biennial period ending May 31, 1923:  |             |
| Tuberculosis work.....   | \$2,500,000 |
| General fund.....  | 1,585,000   |
| School inspection.....   | 200,000     |
| Salaries.....  | 985,120     |
| Total.....   | 5,270,120   |

**PHILIPPINE ISLANDS.**

|   |  |
|---|--|
| Council of hygiene, advisory board to the director of health: |  |
| Fernando Calderón, M. D., president, Manila.                  |  |
| Leoncio Lopex Rizal, M. D., secretary, Manila.                |  |
| Gervasio Ocampo, M. D., Manila.                               |  |
| José Albert, M. D., Manila.                                   |  |
| Benito Valdez, M. D., Manila.                                 |  |
| Luis P. Torres, LL. B., Manila.                               |  |
| Tomas Earnshaw, Manila.                                       |  |

**PHILIPPINE ISLANDS—Continued.****Executive health officer:**

\***Vicente de Jesus, M. D.**, director of health,  
Manila.

**Assistant director of health:**

\***Salvador V. del Rosario, M. D.**, Manila.

**Division of Provincial sanitation:**

\***Jacobo Fajardo, M. D.**, chief, Manila.

**Division of Manila sanitation:**

\***Andres Catanjal, M. D.**, chief, Manila.

**Division of Mindanao and Sulu sanitation:**

\***Eugenio Hernando, M. D.**, chief, Zamboanga.

**Office of statistics and epidemiology:**

\***Manual Gomez, M. D.**, chief, Manila.

**Office of health education:**

\***José P. Bantung, M. D.**, chief, Manila.

**Office of public health nursing:**

\***Carmen R. Leogardo, R. N.**, chief, Manila.

**Clerical office:**

\***Mamerto Tianco**, chief, Manila.

**Office of property:**

\***Generoso S. Quintero**, chief, Manila.

**Appropriations for fiscal year ending Dec.  
31, 1922:**

|   |                  |
|---|------------------|
| Salaries and wages.....                   | \$441,556        |
| Miscellaneous expenses.....               | 730,500          |
| Aid to specially organized Provinces..... | 202,950          |
| <b>Total.....</b>                         | <b>1,375,006</b> |

Appropriation for the treatment of  
segregated lepers..... 100,000

**Publications issued by health service:**

Daily news bulletin.  
Monthly bulletin.  
Annual report.  
Occasional pamphlets.

**PORTO RICO.****Insular board of health:**

**Pedro Gutierrez Igaravidez, M. D.**, president,  
San Juan.

\***Jose Lugo Viña, M. D.**, secretary, San Juan.

**W. A. Glines, M. D.**, San Juan.

**Angel M. Pesquera**, pharmacist, San Juan.

**Charles Hartzel**, attorney, San Juan.

**Jose A. Diaz, M. D.**, San Juan.

**Jose S. Belaval, M. D.**, San Juan.

**G. A. Ramirez de Arellano**, engineer, San Juan.

**Executive health officer:**

\***W. F. Lippitt, M. D.**, commissioner of health,  
San Juan.

\***Pedro Malaret, M. D.**, assistant commissioner  
of health, San Juan.

**Division of property and accounts:**

\***Antonio Llabres**, chief, San Juan.

**Division of sanitary engineering:**

\***G. A. Ramirez de Arellano**, sanitary engineer,  
San Juan.

**Bacteriological laboratory:**

\***F. J. Hernández, M. D.**, director, San Juan.

**Chemical laboratory:**

\***R. del Valle Sárraga**, chemist, director, San  
Juan.

**Division of transmissible diseases and statistics:**

\***J. Gómez Brioso, M. D.**, chief, San Juan.

**PORTO RICO—Continued.****Appropriations for fiscal year ending  
June 30, 1923:**

|   |                   |
|---|-------------------|
| Department of health (proper),<br>salaries and contingent expenses.   | \$169,021.60      |
| Leper colony.....   | 22,293.45         |
| Quarantine hospital.....  | 12,586.20         |
| Mosquito extermination.....   | 30,000.00         |
| Suppression of anemia.....  | 30,000.00         |
| Emergency fund for control and<br>suppression of epidemics (unex-<br>pended balance previous year)...             | 6,755.33          |
| Trust funds for control and suppres-<br>sion of epidemics (fines for viola-<br>tion of sanitary regulations)..... | 1,791.63          |
| Insular sanatorium.....   | 152,319.00        |
| Care of tuberculosis patients.....  | 10,000.00         |
| Education and support of poor deaf-<br>mute children.....   | 1,200.00          |
| Girls' charity school.....  | 70,045.85         |
| Boys' charity school.....   | 100,698.85        |
| Blind asylum.....   | 35,873.50         |
| Insane asylum.....  | 111,296.10        |
| Sanitation fund (trust fund).....   | 183,995.45        |
| <b>Total.....</b>   | <b>937,876.93</b> |

Publication issued by health department:  
Annual report.

**RHODE ISLAND.****Board of health:**

**R. Morton Smith, M. D.**, president, Riverpoint.  
**Thomas J. McLaughlin, M. D.**, vice president,  
Woonsocket.  
**Alexander B. Briggs, M. D.**, Ashaway.  
**Norman M. MacLeod, M. D.**, Newport.  
**William F. Williams, M. D.**, Bristol.  
**Joseph M. Bennett, M. D.**, Providence.  
**M. S. Budlong, M. D.**, Providence.

**Executive health officer:**

**B. U. Richards, M. D.**, secretary State board  
of health and State registrar, Statehouse,  
Providence.

**Pathologist:**

**Lester A. Round, Ph. D.**, Providence.

**Chemist:**

**Stephen De M. Gage**, Providence.

**Appropriations for fiscal year ending Dec.  
31, 1922:**

|   |               |
|---|---------------|
| Executive department.....                             | \$18,000      |
| Chemical laboratory.....                              | 16,000        |
| Pathological laboratory.....                          | 18,000        |
| Child-welfare division.....                           | 15,000        |
| Prosecuting cases of illegal medical<br>practice..... | 2,500         |
| <b>Total.....</b>                                     | <b>69,500</b> |

**Publications issued by health department:**

Quarterly bulletin.  
Annual report of births, deaths, and marriages.  
Annual report of State board of health.

**SOUTH CAROLINA.****Executive committee, board of health:**

**Robert Wilson, Jr., M. D.**, chairman, Charleston.  
**R. A. Marsh, M. D.**, Edgefield.  
**C. C. Gambrell, M. D.**, Abbeville.



**SOUTH CAROLINA—Continued.**

Executive committee, board of health—Con.  
 E. A. Hines, M. D., Seneca.  
 Miles J. Walker, M. D., York.  
 William Egleston, M. D., Hartsville.  
 S. C. Calder, Ph. G., Greenville.  
 W. M. Lester, M. D., Columbia.  
 Samuel M. Wolfe, attorney general, Columbia.  
 Walter E. Duncan, comptroller general, Columbia.

Executive health officer:  
 \*James A. Hayne, M. D., State health officer, Columbia.

Department of county health units:  
 \*L. A. Riser, M. D., Columbia.

Bureau of child hygiene and supervisor of public health nursing:  
 \*Mrs. Ruth A. Dodd, R. N., Columbia.

Bureau of venereal diseases:  
 \*James A. Hayne, M. D., Columbia.

Laboratory department:  
 \*F. A. Coward, M. D., in charge, Columbia.  
 \*J. R. Cain, chief bacteriologist, Columbia.  
 \*H. M. Smith, M. D., serologist, Columbia.

Bureau of vital statistics:  
 \*C. W. Miller, Columbia.

Bacteriologist and chemist:  
 F. L. Parker, jr., M. D., Ph. D., Columbia.

South Carolina Sanatorium:  
 \*Ernest Cooper, M. D., superintendent, Columbia.

Epidemiologist:  
 \*A. H. Hayden, M. D., Columbia.

Sanitary engineer:  
 \*E. L. Filby, C. E., Columbia.

State hotel inspector:  
 \*J. H. Woodward, Columbia.

Appropriations for fiscal year ending Dec. 31, 1922:

|  |          |
|--|----------|
| Administrative office.....   | \$47,350 |
| Bureau of child hygiene.....   | 9,515    |
| Bureau of vital statistics.....  | 5,750    |
| Division of venereal disease control<br>(exclusive of salaries for January,<br>February, and March)..... | 4,340    |
| Laboratory.....  | 10,730   |
| Bureau of rural sanitation.....  | 15,100   |
| Malaria cooperative work.....  | 11,000   |
| Tuberculosis sanatoria.....  | 68,290   |
| Hotel inspection.....  | 5,190    |
| Total.....   | 177,265  |

Publications issued by health department:  
 Annual report.  
 Bulletins of various departments.

**SOUTH DAKOTA.**

Board of health:  
 J. W. Freeman, M. D., president, Lead.  
 R. D. Alway, M. D., vice president, Aberdeen.  
 J. Howard Smith, M. D., Huron.  
 H. R. Kenaston, M. D., Bonesteel.  
 Park B. Jenkins, M. D., superintendent  
 Waubay.

Executive health officer:  
 \*Park B. Jenkins, M. D., superintendent and  
 executive officer, Waubay.

Division of vital statistics:  
 Park B. Jenkins, M. D., director.

**SOUTH DAKOTA—Continued.**

Division of sanitary engineering:  
 A. H. Wieters, director.

Division of education and publicity:  
 M. C. Haecker, director.

Division of public health nursing:  
 \_\_\_\_\_ director.

Division of records and accounts:  
 Edna Jenkins, director.

Division of medical licensure:  
 H. R. Kenaston, M. D., director.

Laboratories at Vermilion:  
 J. C. Ohlmacher, M. D., director.

Division of preventable diseases:  
 \_\_\_\_\_, director.

Division of child hygiene:  
 Clara Edna Hayes, M. D., director.

Appropriations for fiscal year ending June 30, 1922:

|  |         |
|--|---------|
| Salary of superintendent.....  | \$4,000 |
| Salary of employees, administration ex-<br>pense, per diem, mileage, and expense<br>(members, printing and necessary<br>publications, division of medical li-<br>censure, division of venereal diseases,<br>division of public health nursing..... | 42,700  |
| Total.....   | 46,700  |

Publications issued by health department:  
 Mothers' book.  
 Biennial report.

**TENNESSEE.**

Board of health:  
 W. J. Miller, M. D., president, Johnson City.  
 C. B. A. Turner, M. D., vice president, Dyer.  
 E. M. Sanders, M. D., Nashville.  
 T. F. Peck, Nashville.

Executive health officer:  
 \*R. Q. Lillard, M. D., secretary State board of  
 health, Nashville.

Division of vital statistics:  
 \*C. B. Crittenden, M. D., director, Nashville.

Division of rural sanitation:  
 \*E. L. Bishop, M. D., director, Nashville.

Division of laboratories:  
 William Litterer, M. D., director, Nashville.

Division of sanitary engineering:  
 \*C. N. Harrub, director, Nashville.

Division of venereal-disease control:  
 \*R. Q. Lillard, M. D., acting director, Nashville.

Division of oral hygiene:  
 \*A. G. Buckner, D. D. S., director, Nashville.

State directing nurse:  
 \*Miss M. G. Nisbet, R. N., Nashville.

Pure food and drugs commissioner:  
 D. J. Frazier, Nashville.

Appropriations for biennial period end-  
 ing July 1, 1923:

|                                  |             |
|----------------------------------|-------------|
| Administration, office, etc..... | \$20,300.00 |
| Epidemic fund.....               | 5,000.00    |
| Malaria-control fund.....        | 6,000.00    |
| Trachoma-control fund.....       | 4,000.00    |
| Vital statistics fund.....       | 21,800.00   |
| Rural sanitation fund.....       | 28,000.00   |
| Sanitary engineering fund.....   | 21,200.00   |
| Laboratories fund.....           | 23,640.00   |
| Venereal diseases.....           | 25,956.72   |
| Total.....                       | 155,896.72  |

**TENNESSEE—Continued.**

## Other sources of revenue:

- International health board, rural sanitation, \$28,000.
- International health board, malaria control, amount not definitely determined.
- American Red Cross, cooperation in nursing service.
- United States public health service, cooperation in malaria control.
- United States Government, cooperation in venereal-disease control.
- Individual counties and cities in State, cooperation in malaria control, venereal-disease control, and rural sanitation.

**TEXAS.**

## Board of health:

- J. H. Florence, M. D., president, Austin.
- Thomas B. Fisher, M. D., Dallas.
- M. M. Brown, M. D., Mexia.
- Nettie Klein, M. D., Texarkana.
- M. F. Bledsoe, M. D., Port Arthur.

## Executive health officer:

- \*J. H. Florence, M. D., State health officer, Austin.

## Assistant State health officer:

- \*W. H. Beazley, M. D., Austin.

## Bureau of communicable diseases:

- \*M. P. Smartt, M. D., director, Austin.

## Bureau of venereal diseases:

- \*J. H. Florence, M. D., acting director, Austin.

## Bureau of child hygiene and public health nursing:

- \*H. E. Downs, M. D., director, Austin.

## Bureau of sanitary engineering:

- V. M. Ehlers, C. E., director, Austin.
- H. R. F. Holland, sanitary engineer, Austin.
- E. G. Eggert, assistant, Austin.

## Bureau of rural sanitation:

- Alex P. Harrison, M. D., director, Austin.

## Bureau of food and drugs:

- E. H. Golaz, chemist, director, Austin.
- L. I. Davis, assistant chemist.
- W. W. Battle, assistant chemist.

## Bureau of laboratories:

- G. M. Graham, M. D., director.

## Bureau of vital statistics:

- \*J. C. Twitchell, M. D., director.

## Appropriations for fiscal year ending Aug. 31, 1923:

|                                 |          |
|---------------------------------|----------|
| General .....                   | \$91,700 |
| Bureau of vital statistics..... | 9,700    |

Total ..... 101,400

## Publications issued by health department:

- Biennial report.
- Quarterly health magazine.
- Pamphlets, leaflets, and placards.

**UTAH.**

## Board of health:

- Fred Stauffer, M. D., president, Salt Lake City.
- T. B. Beatty, M. D., secretary, Salt Lake City.
- Joseph R. Morrell, M. D., Ogden.
- Clarence Snow, M. D., Salt Lake City.
- L. J. Muir, Bountiful.
- S. S. Burnham, D. D. S., Salt Lake City.
- Charles J. Ullrich, C. E., Salt Lake City.

**UTAH—Continued.**

## Executive health officer:

- \*T. B. Beatty, M. D., State health commissioner, Salt Lake City.

## Appropriations for biennial period ending

Mar. 31, 1923:

|                                    |          |
|------------------------------------|----------|
| Salaries .....                     | \$15,000 |
| Contingent account.....            | 10,500   |
| Vital statistics account.....      | 3,000    |
| Venereal disease control work..... | 3,600    |

Total ..... 32,100

## Publications issued by health department:

- Quarterly bulletin.
- Biennial report.

Fiscal year ends Dec. 31.

**VERMONT.**

## Board of health:

- F. Thomas Kidder, M. D., president, Woodstock.
- William T. Slayton, M. D., Morrisville.
- Charles F. Dalton, M. D., secretray, Burlington.

## Executive health officer:

- \*Charles F. Dalton, M. D., secretary State board of health, Burlington.

## Laboratory of hygiene:

- \*Charles F. Whitney, M. D., director, Burlington.

## Sanitary engineer:

- J. W. Votey, C. E., Burlington.

## Sanitary inspector:

- \*Henri L. Pache, M. D., Burlington.

## Division of venereal diseases,

- \*Henri L. Pache, M. D., Burlington.

## Division of tuberculosis:

- \*H. W. Slocum, Burlington.

## Division of poliomyelitis:

- \*W. L. Aycock, M. D., research, Burlington.
- \*Bertha E. Weisbrod, R. N., after-care, Burlington.

## Division of public health nursing:

- \*....., Burlington.

## Appropriations for fiscal year ending June 30, 1923:

Total budget, \$85,000.

## Other source of revenue:

- Private donations for study and treatment of infantile paralysis.

## Publications issued by health department:

- Quarterly bulletin.
- Biennial report.

**VIRGINIA.**

## Board of health:

- W. M. Smith, M. D., president, Alexandria.
- J. B. Fisher, M. D., secretary, Midlothian.
- J. T. Wilson, Richmond.
- McG. Newton, M. D., Richmond.
- Mrs. Chas. Hall Davis, Petersburg.
- John T. Daniel, Cape Charles.
- Isaac Peirce, M. D., Tazewell.
- W. F. Drewry, M. D., Petersburg.
- E. Howe Miller, M. D., Danville.
- H. T. Marshall, M. D., University of Virginia.
- Guy R. Harrison, D. D. S., Richmond.
- Hugh J. Hagan, M. D., Roanoke.
- S. A. Sutton, M. D., Norfolk.
- G. L. Morris, M. D., Buckingham.

## VIRGINIA—Continued.

|  |          |
|--|----------|
| Executive health officer:  |          |
| *Ennion G. Williams, M. D., State health commissioner, Richmond.       |          |
| Assistant health commissioner:   |          |
| *Roy K. Flannagan, M. D., Richmond.                                    |          |
| Registrar of vital statistics:   |          |
| *W. A. Plecker, M. D., Richmond.                                       |          |
| Bacteriologist:  |          |
| *A. H. Straus, Richmond.   |          |
| Sanitary engineer:   |          |
| *Richard Messer, C. E., Richmond.                                      |          |
| Bureau of child welfare:   |          |
| *Mary E. Brydon, M. D., director.                                      |          |
| Public health nursing:   |          |
| *F. B. Croxton, R. N., acting director.                                |          |
| Appropriations for fiscal year ending Feb. 28, 1923:                   |          |
| Administration.....  | \$24,464 |
| Sanitary engineering.....  | 15,450   |
| Publicity.....   | 5,400    |
| Rural sanitation.....  | 25,000   |
| Malaria.....   | 5,000    |
| Inspection of convict camps.....                                       | 750      |
| Laboratory.....  | 15,000   |
| Child welfare and public health nursing.....                           | 38,020   |
| Veneral diseases.....  | 10,000   |
| Control of epidemics.....  | 5,000    |
| Vital statistics.....  | 19,935   |
| For collection and publication of marriage and divorce statistics..... | 2,855    |
| Prevention of blindness.....   | 2,300    |
| Total.....   | 169,174  |
| Publications issued by health department:                              |          |
| Monthly bulletin.  |          |
| Annual report.   |          |

## WASHINGTON.

|  |          |
|--|----------|
| Board of health:   |          |
| Paul A. Turner, M. D., director of health, chairman.     |          |
| W. W. Brand, M. D.                                       |          |
| James H. Egan, M. D.                                     |          |
| R. E. Elvins, M. D.                                      |          |
| Herbert C. Lieser, M. D.                                 |          |
| C. E. Dorisy, C. E., secretary, Seattle.                 |          |
| Executive health officer:                                |          |
| *Paul A. Turner, M. D., director of health, Seattle.     |          |
| Epidemiologist:  |          |
| *A. U. Simpson, M. D., Seattle.                          |          |
| Chief of laboratory:                                     |          |
| *A. U. Simpson, M. D., Seattle.                          |          |
| Sanitary engineer:                                       |          |
| *C. E. Dorisy, C. E., Seattle.                           |          |
| Registrar:   |          |
| *C. E. Dorisy, C. E., Seattle.                           |          |
| Appropriations for biennial period ending Mar. 31, 1923: |          |
| Salary of director.....                                  | \$10,000 |
| Salaries and wages.....                                  | 48,000   |
| Supplies, material, and service.....                     | 28,230   |
| Total.....   | 86,230   |

## WEST VIRGINIA.

|   |          |
|---|----------|
| Public health council:  |          |
| J. L. Pyle, M. D., president, Chester.                                    |          |
| W. T. Henshaw, M. D., commissioner of health, Charleston.                 |          |
| H. G. Camper, M. D., Welch.   |          |
| B. F. Shuttleworth, M. D., Clarksburg.                                    |          |
| W. M. Babb, M. D., Keyser.  |          |
| V. T. Churchman, M. D., Charleston.                                       |          |
| Thos. L. Harris, Parkersburg.   |          |
| Executive health officer:   |          |
| *W. T. Henshaw, M. D., commissioner of health, Charleston.                |          |
| Division of sanitary engineering:   |          |
| *Ellis S. Tisdale, director, Charleston.                                  |          |
| *R. C. Beckett, Charleston.   |          |
| *Chas. H. Young, Charleston.  |          |
| Division of vital statistics:   |          |
| *Carl F. Raver, M. D., M. P. H., Charleston.                              |          |
| Division of child welfare and public health nursing:                      |          |
| *Jean T. Dillon, R. N., director, Charleston.                             |          |
| *Edna M. Hardsaw, R. N., field supervisor.                                |          |
| *Gertrude H. Wuesthoff, R. N., field supervisor.                          |          |
| Hygienic laboratory:  |          |
| *Chas. E. Gabel, Ph. D., Charleston.                                      |          |
| *Lucy F. Gabel, chemist, Charleston.                                      |          |
| *Ruth Hinterleitner, assistant bacteriologist, Charleston.                |          |
| Bureau of venereal diseases:  |          |
| *W. S. Robertson, M. D., director, Charleston.                            |          |
| Bureau of rural sanitation:   |          |
| *M. V. Ziegler, passed asst. surg., U. S. P. H. S., director, Charleston. |          |
| Appropriations for fiscal year ending June 30, 1923:                      |          |
| For general use.....  | \$60,000 |
| Salary of commissioner.....   | 4,800    |
| Bureau of venereal diseases.....  | 10,000   |
| Total.....  | 74,800   |
| Other sources of revenue:   |          |
| Fees for granting certificates to practice medicine.                      |          |
| Fees from laboratory work for private individuals.                        |          |
| Publications issued by health department:                                 |          |
| Quarterly bulletin.   |          |
| Annual report.  |          |

## WISCONSIN.

|   |  |
|---|--|
| Board of health:  |  |
| Wm. F. Whyte, M. D., president, Madison.                    |  |
| I. D. Steffen, M. D., Antigo.                               |  |
| E. S. Hayes, M. D., Eau Claire.                             |  |
| G. Windesheim, M. D., Kenosha.                              |  |
| C. A. Richards, M. D., Rhinelander.                         |  |
| Otho Fiedler, M. D., Sheboygan.                             |  |
| C. A. Harper, M. D., State health officer, Madison.         |  |
| *L. W. Hutchcroft, assistant State health officer, Madison. |  |
| Executive health officer:                                   |  |
| *C. A. Harper, M. D., State health officer, Madison.        |  |
| Bureau of vital statistics:                                 |  |
| *C. A. Harper, M. D., State registrar, Madison.             |  |

**WISCONSIN—Continued.**

|   |
|---|
| Bureau of communicable diseases:                                  |
| *H. M. Guilford, M. D., director, Madison.                        |
| Bureau of sanitary engineering:                                   |
| *C. M. Baker, State sanitary engineer, Madison.                   |
| *E. J. Tully, chemical engineer, Madison.                         |
| Bureau of education:  |
| *L. W. Bridgman, acting director, Madison.                        |
| Bureau of child welfare and public health nursing:                |
| *Mrs. Mary P. Morgan, director, Madison.                          |
| Bureau of nursing education:                                      |
| *Adda Eldredge, R. N., director, Madison.                         |
| Bureau of plumbing and domestic sanitary engineering:             |
| *Frank R. King, State domestic sanitary engineer, Madison.        |
| Bureau of social hygiene:   |
| *H. M. Guilford, M. D., director, Madison.                        |
| Laboratory service:   |
| *W. D. Stovall, M. D., director State laboratories, Madison.      |
| *M. S. Nichols, chemist State laboratory, Madison.                |
| *Katherine Wattawa, director branch laboratory, Rhinelander.      |
| *Gladys Hadley, director cooperative laboratory, Superior.        |
| *Clarissa McFetridge, director cooperative laboratory, Oshkosh.   |
| *Henry Miller, director cooperative laboratory, Kenosha.          |
| *C. D. Partridge, M. D., director cooperative laboratory, Wausau. |
| *Lydia Lacey, director, cooperative laboratory, Green Bay.        |
| *Marion Anderson, director, cooperative laboratory, Beloit.       |
| Appropriations for fiscal year ending June 30, 1923:              |
| General administration..... \$51,000                              |
| Emergency appropriation for epidemics..... 7,500                  |

**WISCONSIN—Continued.**

|  |
|--|
| Appropriations for fiscal year ending June 30, 1923—Continued.                 |
| Branch laboratory and State cooperative laboratories..... \$7,950              |
| Prevention of infantile blindness..... 1,500                                   |
| Venereal disease control work..... 41,250                                      |
| Bureau of sanitary engineering..... 10,000                                     |
| Bureau of communicable diseases..... 13,300                                    |
| Bureau of child welfare and public health nursing..... 21,100                  |
| Comfort station supervision..... 5,000   |
| Licensing of embalmers, hotels and restaurants, plumbers, and barbers.. 38,000 |
| Total..... 196,600   |
| Publications issued by health department:                                      |
| Quarterly bulletin.  |
| Biennial report.   |

**WYOMING.**

|   |
|---|
| Board of health:  |
| Fred A. Hodson, M. D., president, Sheridan.                         |
| G. A. Fox, M. D., vice president, Cheyenne.                         |
| Albert B. Tonkin, M. D., secretary and executive officer, Cheyenne. |
| Edw. S. Lauzer, M. D., Rock Springs.                                |
| J. D. Lewellen, M. D., Powell.                                      |
| Executive health officer:   |
| *Albert B. Tonkin, M. D., State health officer, Cheyenne.           |
| Venereal disease control:   |
| Appropriations for biennial period ending Mar. 31, 1923:            |
| State board of health..... \$19,000                                 |
| Salary of secretary..... 8,000                                      |
| Salary of venereal disease officer..... 6,000                       |
| Total..... 33,000   |
| Publications issued by health department:                           |
| Biennial report.  |
| Bimonthly bulletin.   |

**DEATHS DURING WEEK ENDED JULY 22, 1922.**

*Summary of information received by telegraph from industrial insurance companies for week ended July 22, 1922, and corresponding week, 1921. (From the Weekly Health Index, July 25, 1922, issued by the Bureau of the Census, Department of Commerce.)*

|  | Week ended<br>July 22, 1922. | Corresponding<br>week, 1921. |
|--|------------------------------|------------------------------|
| Policies in force.....                                     | 50, 271, 674                 | 47, 346, 954                 |
| Number of death claims.....                                | 8, 255                       | 7, 442                       |
| Death claims per 1,000 policies in force, annual rate..... | 8. 6                         | 8. 2                         |